

Fig. 1

### Attachment

To attach the 42" Rotary Mower to the Tractor, follow the sequence of steps as outlined below:

1. Place the mower beside the tractor, and turn the tractor wheels to full left position. Before sliding the mower under the tractor, remove the hair pin cotters and pins connecting the clevises on front end of bail assembly. Allow the rocker arms to drop down. This will now provide sufficient clearance for the mower to slide under the tractor. With the mower under the tractor, replace the clevises on rocker arms and fasten with hair pin cotters and pins.
2. Connect the rockers arms to front mounting brackets under the tractor, by using pins and hair pin cotters as shown in figure 2.
3. Place the tractor lift lever in its rear position and attach the mower lift lever to the tractor lift arm on right hand side of tractor as shown in figure 3. Use hex capscrew, flatwashers, and hex nut furnished for this purpose.
4. Connect the mower lift chain to the lift lever by fastening the lift links in place with a pin and hair pin cotter as shown in figure 3.
5. Place the cross drive belt in position on the mower drive pulley. Give the belt a 90° twist towards the left hand side of the tractor and mount belt to larger pulley of power take-off as shown in figure 3. When installed in proper manner, the belt should run from the left side of mower pulley to bottom side of power take-off pulley.

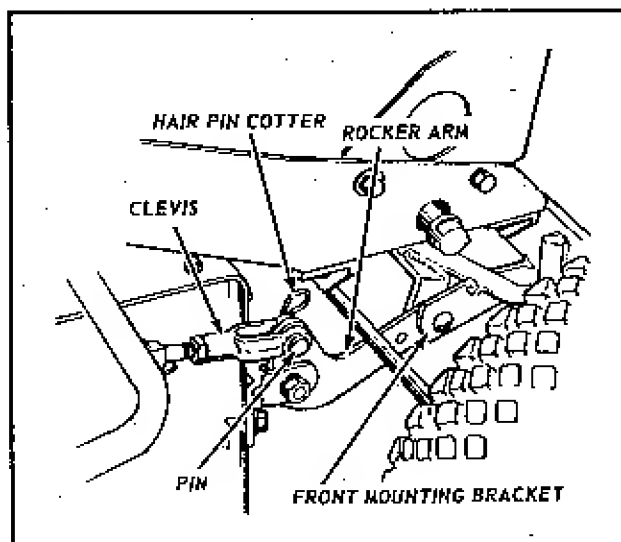
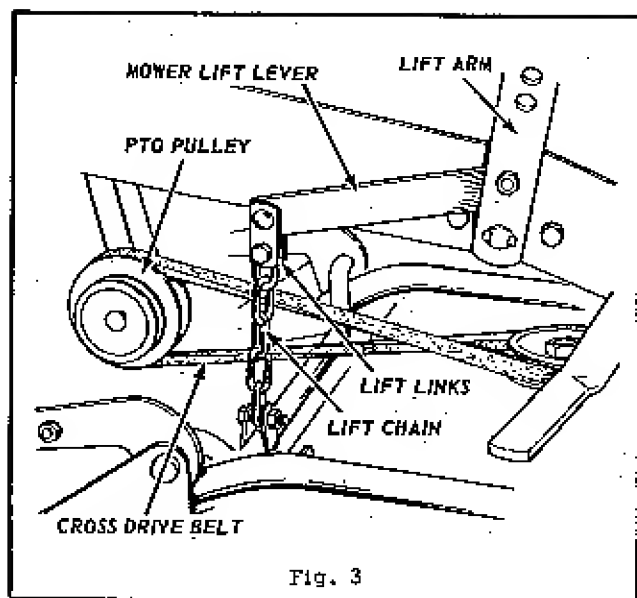


Fig. 2

### Adjustments

To check the final adjustment of the mower height, place the tractor with the mower attached, on a smooth flat surface. Rotate the center blade to the front and measure the distance from its front tip to the ground. Then rotate each of the side blades so that their tips can be measured at the front. For best mowing results, the leading tip of the center blade should be about 1/4" higher than the trailing tip of the two side blades. To obtain this adjustment, remove pins from clevises and rocker arms, loosen the hex nut in back of each clevis and turn each clevis in or out sufficiently to achieve this setting. In making this adjustment, be sure that both clevises are adjusted equally.



## Operation

1. Set mower to desired height of cut by turning the adjusting screw handles counter-clockwise to lower the cut, and clockwise to raise the cut. Turn each adjusting handle an equal number of times to insure level operation.
2. Start the tractor engine with the power take-off in the disengaged position, and lower the mower to cutting position by releasing the tractor lift lever.
3. Engage the power take-off to set the mower blades in operation; engage the tractor clutch and proceed with mowing.
4. To transport the mower; disengage the power take-off to stop blades. Raise the mower above the surface by pushing the tractor lift lever to forward locked position.

## Belt Tension

The mower spindle drive belt is spring loaded and requires no further adjustment.

**NOTE:** The cross drive belt and the blade drive belt are a super combine type belt and are designed and manufactured to provide long and satisfactory service. Because of the special design of these belts, it is urged that you replace them only with genuine replacement belts ordered from your dealer. Consult the parts list for the correct part numbers for these belts when replacement is necessary.

## Lubrication

The mower arbor spindles are supported in prelubricated, sealed ball bearing assemblies, which do not require further attention.

## CAUTION

**MOWER SHALL NOT BE USED WITHOUT EITHER VACUUM COLLECTOR ADAPTER OR THE THE DEFLECTOR ADAPTER IN PLACE.**

## IMPORTANT

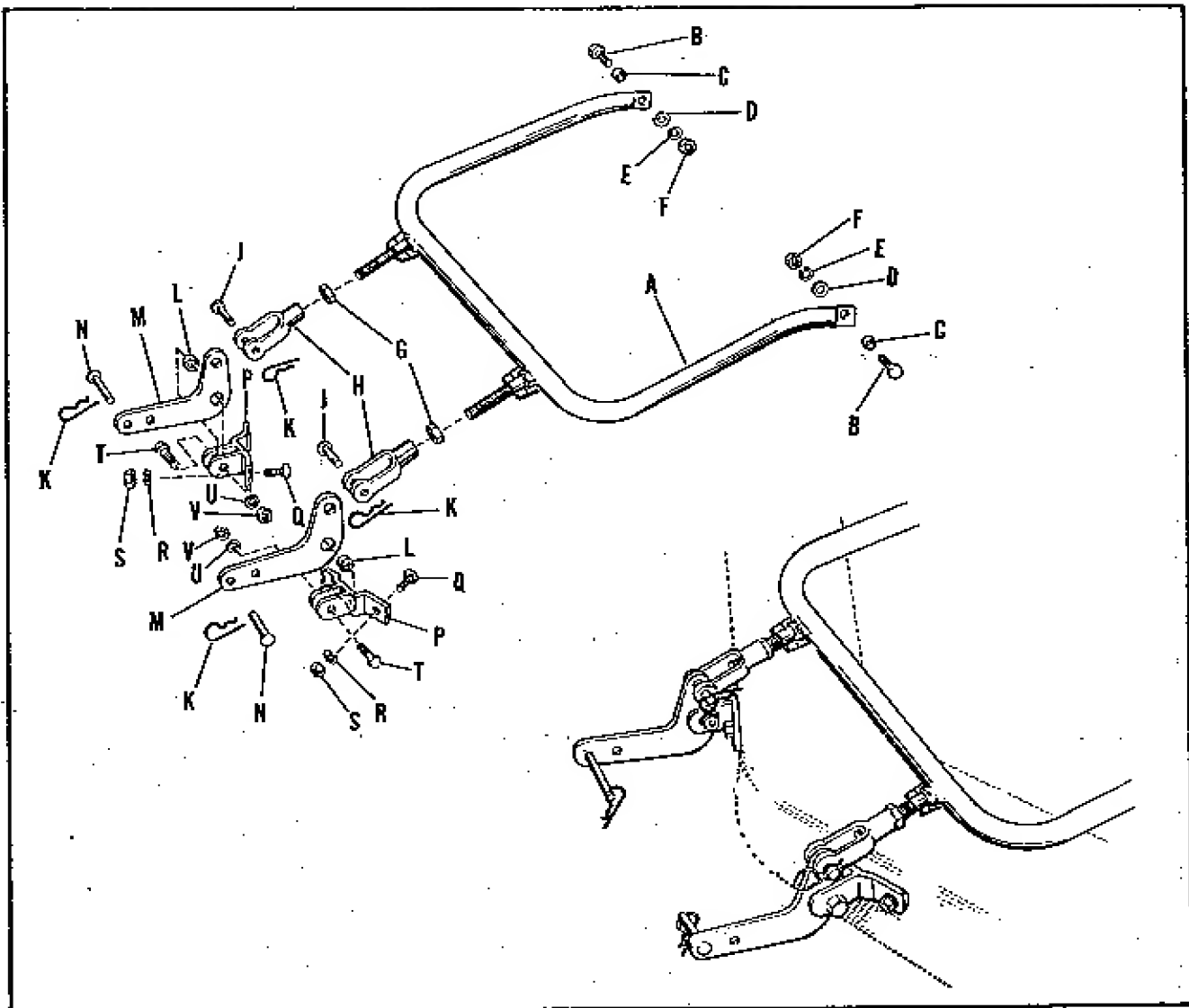
**USE ONLY SIMPLICITY REPLACEMENT BELTS & BLADES**

## Caution

It is the responsibility of the operator to see that the area where the mower will be used is free of all types of foreign material. This includes wire, rope, rags, sticks, bottles, cans, pipe, and rocks, etc. These represent potential dangers to mower, operator, and spectators; as well as having a dulling effect on the mower blades.

Always guard for obstacles when mowing, and, never leave mower running while unattended.

# BAIL ASSEMBLY



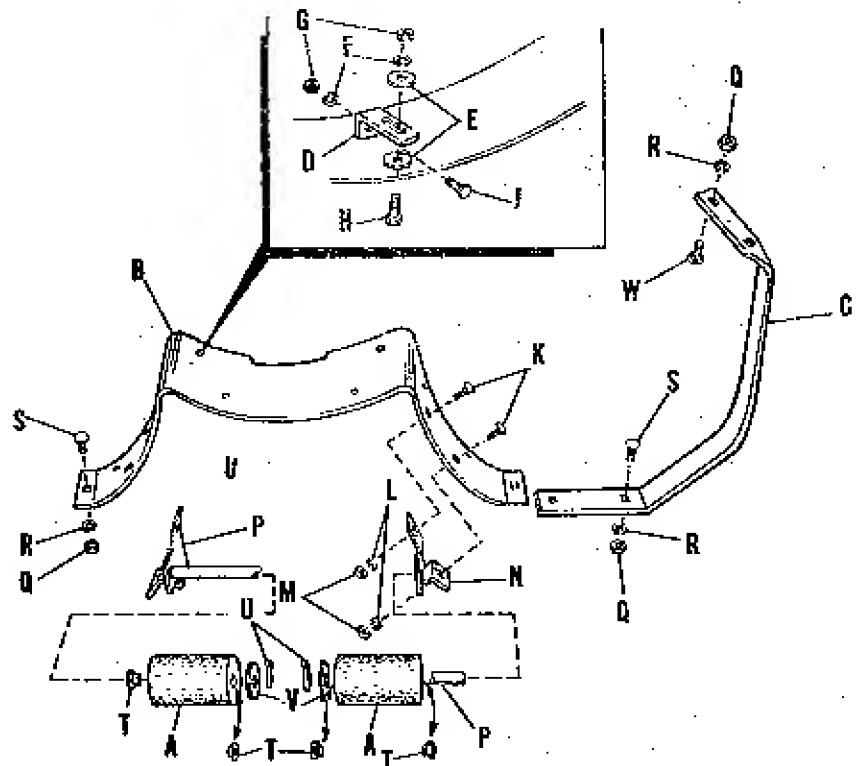
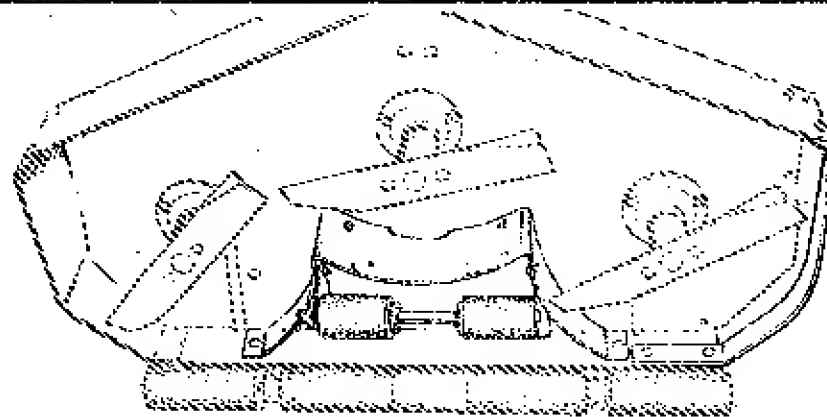
Order by Part Number

Ref. Let.	Part No.	Description
A	108229	Bail Assembly
B	705049	Capscrew, Hex Hd., 1/2"-13 NC x 1 1/4" lg.
C	105051	Spacer
D	719003	Washer, Plain, 7/16
E	720004	Washer, Lock, 1/2"
F	717006	Nut, Hex, Full, 1/2"-13 NC
G	717016	Nut, Hex, Jam, 1/2"-20 NP
H	154304	Yoke End, Adjusting
J	154305	Yoke Pin

Order by Part Number

Ref. Let.	Part No.	Description
K	8161045	Clip, Spring
L	105051	Spacer
M	108228	Rocker Arm
N	118053	Pin
P	108219	Bracket Assembly, Front
Q	702002	Bolt, Carriage, 3/8"-16 NC x 1"
R	720002	Washer, Lock, 3/8"
S	717003	Nut, Hex, Full, 3/8"-16 NC
T	705049	Capscrew, Hex, 1/2"-13 NC x 1 1/4"
U	720004	Washer, Lock, 1/2"
V	717006	Nut, Hex, Full, 1/2"-13 NC

# MOWER UNDERSIDE

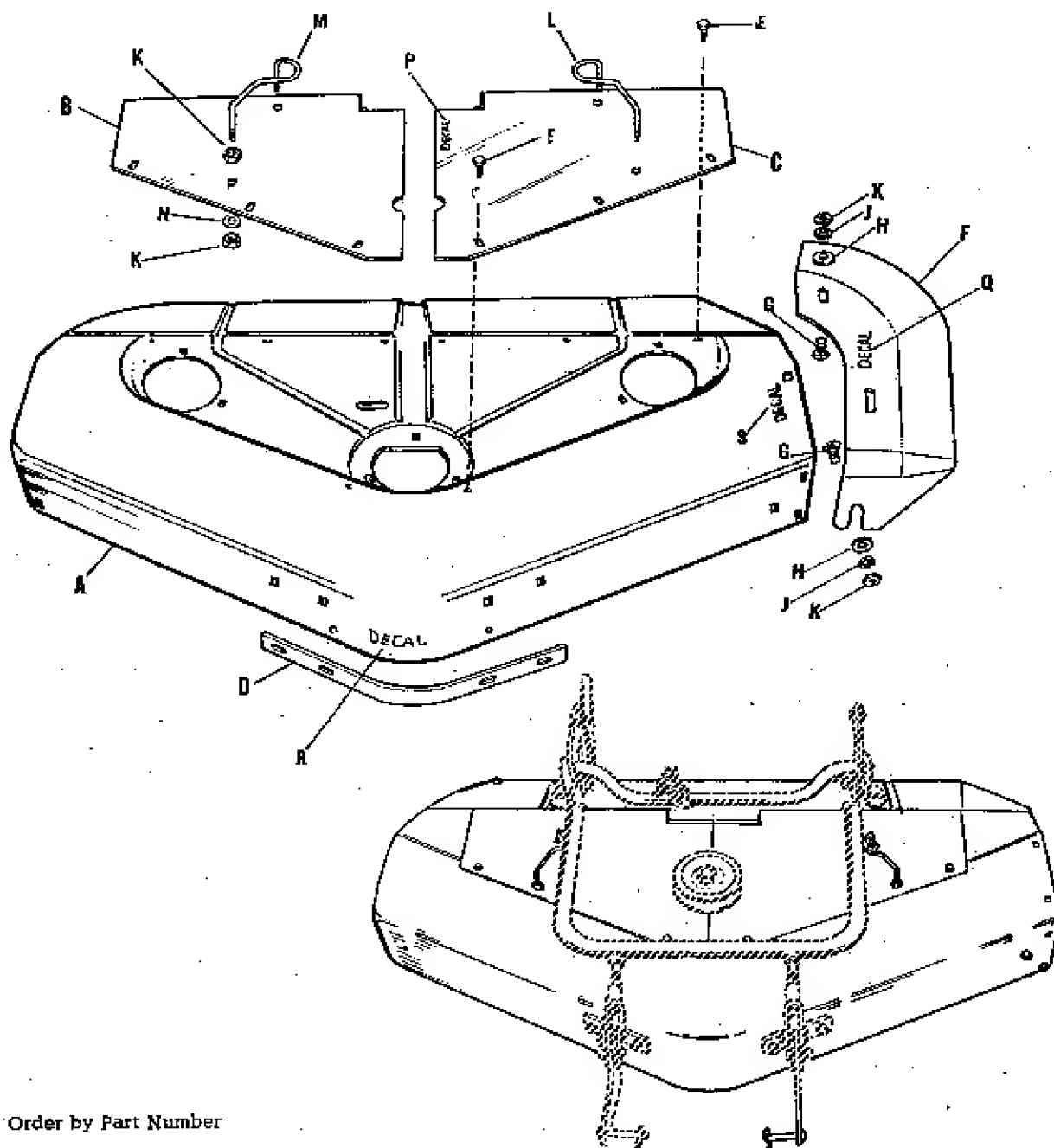


Order by Part Number

Ref. Letter	Part No.	Description
A	108431	Roller W/Bushing
B	108361	Baffle
C	108214	Guard Assembly, Housing
D	108186	Clip Baffle
E	719006	Washer, Plain, 1/4"
F	720003	Washer, Lock, 1/4"
G	717005	Nut, Hex, Full, 1/4"-20 NC
H	715018	Capscrew, Hex, 1/4"-20 x 5/8" lg.
J	714012	Screw, Recessed Hex, Self-Tapping 1/4"-20 NC x 7/8" lg.
K	702015	Bolt, Carriage, 5/16"-18 NC x 3/4" lg.

Ref. Letter	Part No.	Description
L	720001	Washer, Lock, 5/16"
M	717001	Nut, Hex, Full, 5/16"-18 NC
N	108224	Bracket, Roller, Lower, L.H.
P	108426	Bracket & Shaft Assembly
Q	717003	Nut, Hex, Full, 3/8"-16 NC
R	720002	Washer, Lock, 3/8"
S	702003	Bolt, Carriage, 3/8"-16 NC x 3/4" lg.
T	108419	Bushings
U	722011	Pin, Cotter, 3/16" x 1" lg.
V	116001	Washer
W	702002	Bolt, Carriage, 3/8"-16 NC x 1" lg.

# DECK ASSEMBLY



Order by Part Number

Ref. Let.	Part No.	Description
A	108354	Mower Housing
B	108420	Cover, R. H.
C	108421	Cover, L. H.
D	108366	Bar, Reinforcing
E	715067	Screw, Taplite, 1/4-20 x 3/8" lg.
F	108525	Deflector
G	703004	Bolt, 3/8-16 x 3/4 lg.
H	8161199	Spacer
J	720002	Washer, Lock, 3/8"

Ref. Let.	Part No.	Description
K	717003	Hex Nut, Full, 3/8-16
L	157247	Guard, L. H.
M	157246	Guard, R. H.
N	719001	Washer, Plain, 3/8
P	108102	Decal
Q	108031	Decal
R	106719	Decal
S	108507	Decal

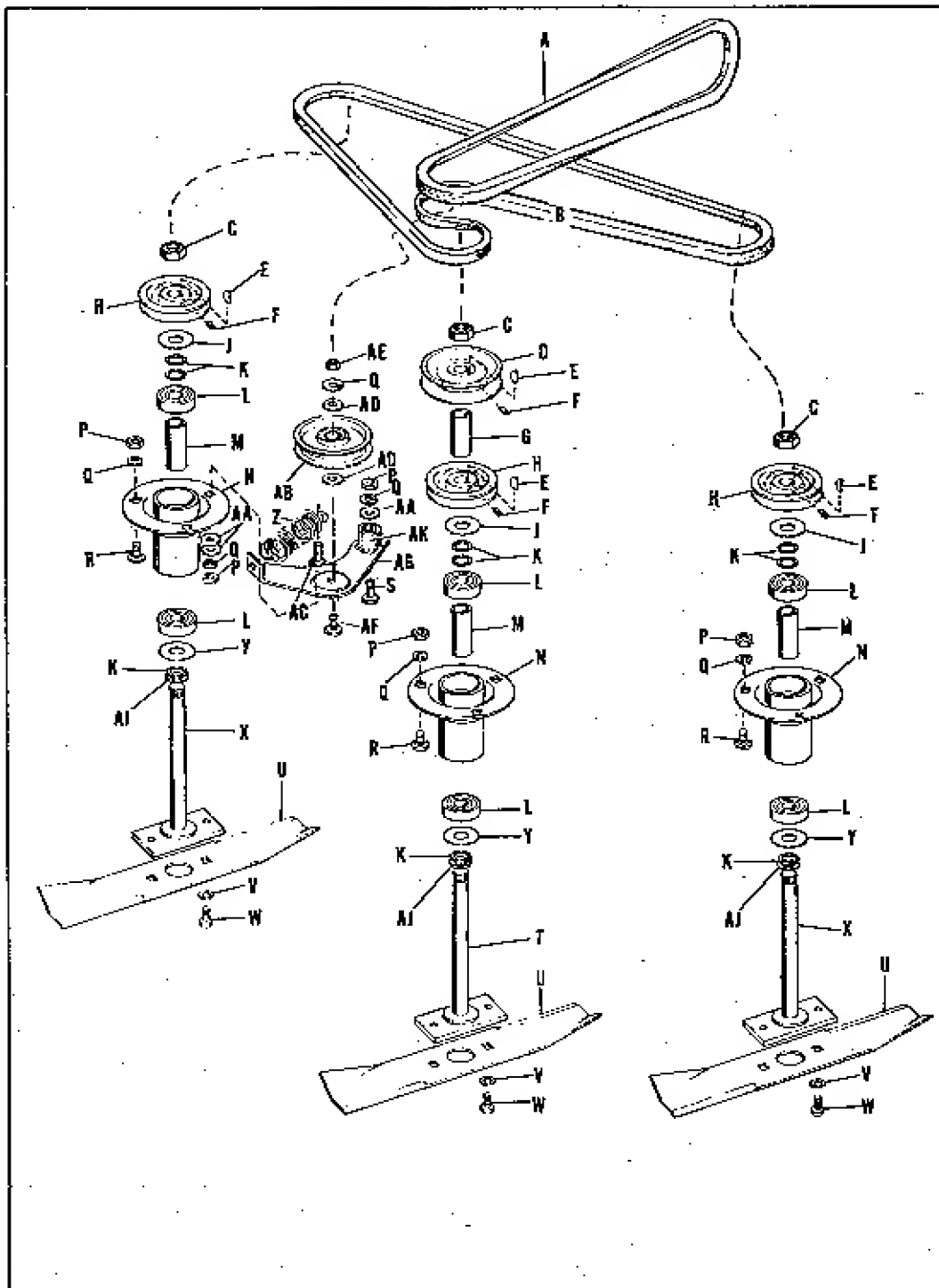


# ROLLER ASSEMBLY

Order by Part Number

Reference Letter	Part No.	Description
A	108415	Screw Assembly, Adjusting
B	719001	Washer, Plain, 3/8"
C	108241	Socket Assembly, Crank
D	717510	Nut, Hex, Full, Lock, 3/8"-16 NC
E	108172	Pivot
F	722001	Cotter Pin, 3/32" x 3/4" lg.
G	108242	Link, Lift
H	703004	Bolt, Carriage, 3/8"-16 NC x 3/4" lg.
J	720002	Washer, Lock, 3/8"
K	717003	Nut, Hex, Full, 3/8"-16 NC
L	108198	Lever, Mower Lift
M	108199	Link, Mower Lift
N	153058	Pin, Lock
P	8161045	Clip, Spring
Q	705005	Capscrew, Hex Hd., 3/8"-16 NC x 1" lg.
R	717510	Nut, Hex, Full, Lock, 3/8"-16 NC
S	101084	Chain
T	717510	Nut, Hex, Full, Lock, 3/8"-16 NC
U	719001	3/8" Washer
V	705005	Capscrew, Hex Hd., 3/8-16x1" lg.
W	108424	Arm Assembly, Rocker
X	108234	Bracket, Roller, L.H.
Y	108233	Bracket, Roller, R.H.
Z	108359	Bar Assembly, Roller
AA	705005	Capscrew, Hex Hd., 3/8"-16 NC x 1" lg.
AB	717003	Nut, Hex, Full, 3/8"-16 NC
AC	719001	Washer, Plain, 3/8"
AD	717510	Nut, Hex, Full, Lock, 3/8"-16 NC
AE	108360	Spring, Adj. Screw
AF	722011	Pin, Cotter, 3/16" x 1" lg.
AG	116001	Washer
AH	108432	Roller w/Bushing
AJ	8261055	Washer
AK	108358	Shaft & Support Arm.
AL	108431	Roller W/Bushing
AM	702003	Bolt, Carriage, 3/8"-16 NC x 3/4" lg.
AN	720002	Washer, Lock, 3/8"
AP	717013	Nut, Hex. Full
AQ	713504	Set Screw
AR	108419	Bushings

# ARBOR ASSEMBLIES



Ref. Let.	Part No.	Description
A	109409	Belt, "V" (Cross Drive)
B	108209	Belt, "V" (Mower Spindle Drive)
C	717517	Hex. Jam Lock Nut, 3/4"-16
D	108207	Cross Drive Pulley
E	725006	Key, Woodruff, 161
F	713504	Set Screw, 5/16"-18 x 3/8"
G	108245	Spacer
H	108142	Pulley
J	108139	Flinger
K	108181	Washer
L	108202	Bearing
M	108201	Spacer
N	108203	Arbor Tube Assembly
P	717003	Full Hex. Nut, 3/8"-16
Q	720002	Lock Washer, 3/8"
R	703004	Carriage Bolt, 3/8"-16 x 3/4"
S	705010	Hex. Cap Screw 3/8"-16 x 1-3/4"lg.

Ref. Let.	Part No.	Description
T	108252	Arbor Drive Assembly
U	108298	Knife Blade
V	720002	Lock Washer, 3/8"
W	715024	Hex. Hd. Capscrew, 3/8"-16 x 5/8"
X	108250	Arbor Assembly
Y	108257	Washer
Z	154269	Spring
AA	719002	Plain Washer, 5/16"
AB	108366	Idler Pulley
AC	156131	Stud
AD	719002	Plain Washer, 5/16"
AE	717003	Full Lock Hex. Nut, 3/8"-16
AF	108418	Screw
AG	108416	Idler Lever Assembly
AJ	108472	Washer
AK	8171073	Race